

# INSTRUCTION SHEET

**Buell**  
AMERICAN MOTORCYCLES

-J01556

Kit Number Z0712.MPMD (Primed)

REV. 2-28-01

## BUELL S3 RIGHT FAIRING LOWER KIT

### General

This kit is designed for upgrading the right fairing lower on 1999 and later Buell S3/S3T Model Motorcycles.

#### CAUTION

“Primed” Right Side Fairing Lower parts will not have primer applied to them. These parts are now adhesion promoted and primer is not used (therefore appear to be raw). Parts need ONLY to be “LIGHTLY SCUFFED” with a #7447B (or finer) Scotch-Brite pad prior to applying paint. Do not scuff parts so hard as to introduce deep scratches into the material as deep scratches will show through the paint. Paint should be applied over the scuffed adhesion promotor and allowed to air dry. (Baking Parts is not recommended). DO NOT use primer or stress cracking in the paint could result.

See Service Parts Page Illustration for kit contents.

#### NOTE

A Service Manual for your motorcycle is available from your Buell Dealer.

### Installation

1. Remove three screws, washers and locknuts securing existing fairing to upper and lower right fairing mounting brackets. Remove large nut and washer, if present, securing lower mounting bracket to Swingarm/Drive support. Save nut, but discard flat washer.
2. Make a note of the screw locations in the upper mounting bracket and remove the two 1/4-20x 3/4 inch button head hex socket screws securing the upper bracket to the bottom of the air cleaner cover. Save screws for re-installation.

#### CAUTION

To avoid stressing the right fairing lower, loosely assemble all components and then tighten in the sequence given in the following procedure. Not following the tightening sequence could cause cracking/failure of the fairing lower.

3. See Figure 1. Obtain the new upper bracket (Part Number M0532.M) from kit and install the upper bracket to the air cleaner cover using screws saved in Step 2. Make sure to use the same locations noted during Step 2. Tighten screws securely.

#### NOTE

When performing Steps 4, 5 and 6 secure the hardware tight enough so fairing does not flop around, but loosely enough so that fairing can slide on brackets and can be easily repositioned.

4. Loosely attach right fairing to upper mounting bracket using two screws (Part Number AA0406.11CDBL), nylon washers (Part Number BA0409.6BL) and locknuts (Part Number DA0400.2CZ) provided in kit.

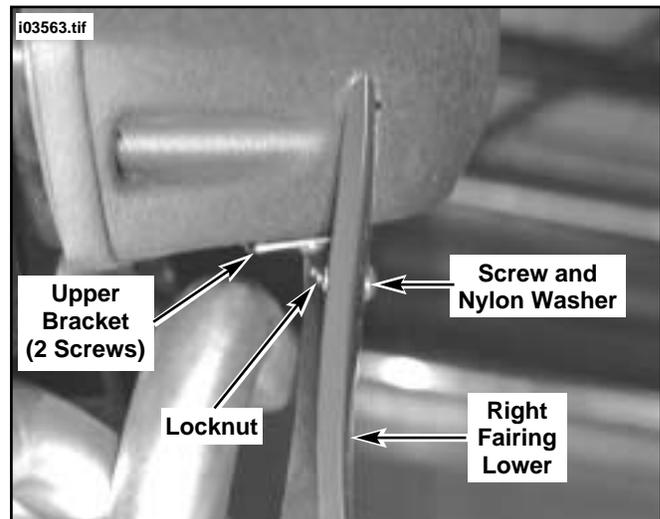


Figure 1. Install New Fairing Upper Bracket Hardware

5. See Figure 2 and Service Parts Page Illustration. Loosely attach lower bracket to right fairing lower as follows:
  - a. Obtain small steel sleeve (Part Number M0515.M), screw, nylon washer, and lower mounting bracket (Part Number M0533.MA) from kit. Place washer, then sleeve onto screw and insert screw through fairing and upper hole in lower mounting bracket.
  - b. Install lock nut and and tighten just enough to align and draw steel sleeve into hole in fairing. Leave assembly loose, Do NOT tighten at this time.
6. See Figure 2. Slide the large hole in lower bracket over the Swingarm/Drive Support stud and re-install support nut. Finger tighten only, allowing enough play so lower bracket can be repositioned.

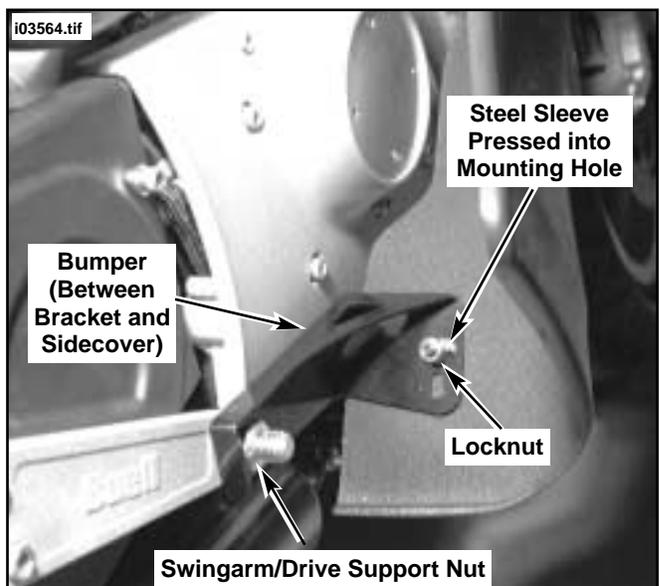


Figure 2. Install New Fairing Lower Bracket Hardware

**NOTE**

Prior to tightening hardware, gently adjust and align fairing lower so it will be positioned properly and is not stressed.

- Tighten fairing mounting fasteners in the following sequence:

**NOTE**

When performing Steps a and b, tighten hardware securely, but do not overtighten. Overtightening may cause fatigue or form stress cracks around hardware.

- Make sure fairing and lower mounting bracket surfaces are parallel. If necessary, rotate lower bracket and slide screw up or down until parallel alignment between bracket and fairing is obtained. Tighten screw and locknut securely.
- Re-position upper fairing and bracket if necessary, and tighten hardware securely.
- Refer to Figure 2. Hold lower mounting bracket in place (to prevent rotating) and tighten swingarm/drive support nut to 30-35 ft-lbs (41-47 Nm).

Part No. Z0712.MPMD	Date 2/01	<b>Service Parts</b>	<b>Buell</b> AMERICAN MOTORCYCLES
<b>S3/S3T Right Fairing Lower Kit</b>			

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**NOTE**  
Rivet And Bumper  
Are Pre-Installed  
to Lower Bracket

Item	Description/Qty	Part Number
1	Bracket, fairing lower mount	M0533.MA
2	Bracket, fairing upper mount	M0532.M
3	Sleeve, RH fairing lower mount	M0515.M
4	Screw, 1/4-20x3/4 inch (Torx) (3)	AA0406.11CDBL
5	Washer, flat (blk nylon) (3)	BA0409.6BL
6	Nut, nylock 1/4-20 (3)	DA0400.2CZ
7	Bumper, rubber	C0211.9
8	Rivet, 1/8x1/8 inch (aluminum)	C0529.9
9	Fairing lower, (right, primed)	M1001.MAPMD

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